GOVERNMENT POLYTECHNIC JAJPUR A/ P: Ragadi, Block: Korei, Dist.: Jajpur, Odisha- 755019		
DEPARTMENT OF MECHANICAL ENGINEERING		
LESSON PLAN		
Discipline: Mechanical	**Semester: 6th**	**Name of the Teaching faculty: Suprava Behera**
POWER STATION ENGINEERING LAB	**No of Days/Week class alloted: 4**	**Semester from Date: 04.02.25 To Date:17.05.25** **No of weeks: 15**
Week	**Class Day**	**Topics**
1st	1st	To study the modern steam power plant with model.
	2nd	To study the modern steam power plant with model.
	3rd	To study the modern steam power plant with model.
	4th	To study the modern steam power plant with model.
2nd	1st	To study the modern steam power plant with model.
	2nd	To study the modern steam power plant with model.
	3rd	To study the modern steam power plant with model.
	4th	To study the modern steam power plant with model.
3rd	1st	To determine the various efficiencies of steam turbine
	2nd	To determine the various efficiencies of steam turbine
	3rd	To determine the various efficiencies of steam turbine
	4th	To determine the various efficiencies of steam turbine
4th	1st	To determine the various efficiencies of steam turbine
	2nd	To determine the various efficiencies of steam turbine
	3rd	To determine the various efficiencies of steam turbine
	4th	To determine the various efficiencies of steam turbine
5th	1st	To determine the various efficiencies of steam turbine
	2nd	To determine the various efficiencies of steam turbine
	3rd	To study the cooling tower
	4th	To study the cooling tower

6th	1st	To study the cooling tower
	2nd	To study the cooling tower
	3rd	To study the cooling tower
	4th	To study the cooling tower
7th	1st	To study the cooling tower
	2nd	To study the cooling tower
	3rd	To study of jet condenser
	4th	To study of jet condenser
8th	1st	To study of jet condenser
	2nd	To study of jet condenser
	3rd	To study of jet condenser
	4th	To study of jet condenser
9th	1st	To study of jet condenser
	2nd	To study of jet condenser
	3rd	To Study of De-lavel turbine.
	4th	To Study of De-lavel turbine.
10th	1st	To Study of De-lavel turbine.
	2nd	To Study of De-lavel turbine.
	3rd	To Study of De-lavel turbine.
	4th	To Study of De-lavel turbine.
11th	1st	To Study of De-lavel turbine.
	2nd	To Study of De-lavel turbine.
	3rd	To study the spring loaded safety valve
	4th	To study the spring loaded safety valve
12th	1st	To study the spring loaded safety valve
	2nd	To study the spring loaded safety valve
	3rd	To study the spring loaded safety valve
	4th	To study the spring loaded safety valve

13th	1st	To study the spring loaded safety valve
	2nd	To study the spring loaded safety valve
	3rd	To study the steam generators (Lancashire boiler) models
	4th	To study the steam generators (Lancashire boiler)models
14th	1st	To study the steam generators (Cornish boiler)models
	2nd	To study the steam generators (Cornish boiler)models
	3rd	To study the steam generators (Babcock & Wilcox bolier)models
	4th	To study the steam generators (Babcock & Wilcox bolier)models
15th	1st	To study the steam generators (Babcock & Wilcox bolier)models
	2nd	To study the steam generators (Vertical water tube bolier)models
	3rd	To study the steam generators (Vertical water tube bolier)models
	4th	To study the steam generators (Vertical water tube bolier)models

LEARNING RESOURCES

SL.NO	AUTHOR	TITLE OF THE BOOK	PUBLISHER
01	C.P ARRORA	REFRIGERATION AND AIR CONDITIONING	TMH
02	R.S.KHURMI &J.K.GOPTA	REFRIGERATION AND AIR CONDITIONING	S.CHAND
03	P.L BALLANY	REFRIGERATION AND AIR CONDITIONING	KHANNA PUBLISHER
04	DOMKUNDRA AND ARORA	REFRIGERATION AND AIR CONDITIONING	DHANPAT RAY AND SONS

03.02.2025

Signature of the Faculty